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I hereby certify that this paper and every paper referred to therein as being enclosed is deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on September 16, 2005 (Date of Deposit)

09-16-05 Date

[Signature] Name



PATENT

Attorney Docket No.: 004609 M Y1  
RW Ref. No.: APM/039-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroji HANAWA, et al.

Serial No.: 09/638,075

Examiner: Rodney McDonald

Filed: 08/11/2000

Group Art Unit: 1753

For: EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE  
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AMENDMENT UNDER 37 CFR 1.111 TRANSMITTAL

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is an Amendment under 37 CFR 1.111 in the above-identified application in response to the Office Action dated July 26, 2005. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	35 minus	37 =	0	x \$50	\$000.00
Independent	5 minus	6 =	0	x \$200	\$000.00
If Multiple Dependent Claims Are Present, Add \$360.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00

☒ [X] No additional fee is required.

☐ [] A check in the amount of \$ is attached.

☒ [X] The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Dated: Sep. 14, 2005

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Respectfully submitted,



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09-16-05 Shelly Hart  
Date Name

PATENT

Attorney Docket No. 004609 M Y1  
RW Ref. No. APM/039-00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
Hiroji HANAWA, et al. :  
 : Group Art Unit: 1753  
Entitled: EXTERNALLY EXCITED :  
TORROIDAL PLASMA SOURCE :  
 : Examiner: Rodney McDonald  
 :  
Serial No.: 09/638,075 :  
 :  
Filing Date: August 11, 2000 :

**AMENDMENT UNDER 37 CFR 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated July 26, 2005,  
please amend the above-identified patent application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 12 of this paper.